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**SAKATA'S
RELIABLE SEEDS
FOR THE
NURSERY**

1940 CROP

HERBST BROTHERS

92 WARREN STREET, NEW YORK, N.Y.

AGENTS FOR

T.SAKATA & CO., YOKOHAMA, JAPAN.

SAKATA'S
RELIABLE SEEDS
for the NURSERY

1 9 4 0
C R O P

HERBST BROTHERS

92 Warren Street, New York, N. Y.

Agents for

T. SAKATA & Co. Yokohama, Japan.

NOT PRICE



BUT QUALITY

T. SAKATA & COMPANY

Nishi-Hiranuma,
YOKOHAMA, JAPAN.

SEEDS
FLOWER
TREE
VEGETABLE

CABLES
"SAKATASEED"
YOKOHAMA

CODES
A B C 5TH EDITION
A B C 5TH IMPROVED
BENTLEY'S & PRIVATE

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T. SAKATA & CO., GIVE NO WARRANTY, EXPRESS OR IMPLIED. AS TO PURITY, DESCRIPTION, QUALITY, PRODUCTIVENESS OR ANY OTHER MATTER OF ANY SEEDS AND BULBS THEY SEND OUT AND THEY WILL NOT BE IN ANY WAY RESPONSIBLE FOR THE CROP.

Gentlemen:

We have pleasure in presenting 1940 Tree and Perennial Plant Seed List, and hope to be favored with your order at an early date. We have added in the list several new items and shall be much obliged if you go through the list carefully.

The prices of tree seeds are also on the advance like various farm products, but we are happy to inform you that on most items we could maintain old prices without any sacrifice in quality, and believe it is to your advantage to plant our seeds.

It is our constant aim to get better satisfaction from our customers and you can expect from us the most dependable seed that is procurable in the Orient. All seeds we ship out are passed through our Laboratory, where vitality and trueness are carefully checked.

After thorough studies we are listing good many perennial plant seeds in which we have confidence of supplying true stock of good quality and trust you will find some rare varieties out of them.

Early order ensures good service, particularly on perennials, and hope you will send order to our Agents as soon as possible.

Our Agents, Messrs. Herbst Brothers, 92 Warren Street, New York, N.Y., will be pleased to transmit your order to us; they are always intent upon furthering mutual interests and glad to communicate your wishes to us.

We thank you for your past patronage and look forward for your further commands.

Yours faithfully,

T. SAKATA & COMPANY

Yokohama, Japan.

August, 1940.

Terms of Sale

DISCLAIMER: We give for ourselves or our principals no warranty, expressed or implied, as to the description, quality, productiveness, or in any other respect for the seed we deliver, nor will we be responsible for the crop in any way. In no case shall we or our principals be held liable for more than the invoice value of the seed sold.

QUOTATIONS are based on an average crop and normal cost of collecting and preparing the seed. If through unforeseen contingencies the cost of any item is extraordinarily increased, we reserve for ourselves and our principals the privilege of advancing proportionately the price of such items of accepted orders, subject to the buyers' option to acquiesce or cancel the items affected.

PRICES are F. O. B. Seattle They include import duty, fumigation costs and all Custom House charges.

WEIGHTS are net. Containers are charged at cost.

DELIVERY is always subject to crop out-turn and arrival in good condition from the source.

PURCHASES of less than $\frac{1}{2}$ lb. of any one item will be billed at 25% over the pound price. Minimum orders for any one item 4 ozs., except where otherwise indicate; minimum charge 25¢.

PAYMENT: Our prices are calculated on a strictly cash basis; customers remitting with their orders will be allowed 5% discount.

Buyers will kindly indicate the routing desired, which will be followed as far as possible, otherwise we will use our best judgment in shipping, always subject to the buyer's responsibility after delivery to carrier.

This offer expires October 31st, 1940.

HERBST BROTHERS,
Agents for T. Sakata & Co.

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SPECIALTIES

SPECIAL PRICES ON LARGE QUANTITY.

CASTANEA MOLLISSIMA (Korean Chestnut), resistant type

Blight resistant hardy chestnut widely recognized by foresters. The nuts are sweeter and larger than native varieties. **The seed should be ordered early.** 70 ¢ lb; \$ 6.30 10 lbs.

IMPORTANT

We supply only newly harvested Pear seed which vitality is thoroughly examined in our Laboratory. We therefore do not take any further responsibility as to the germination of our seed when planted in the field. We book all orders only on that understanding.

If our customers are not satisfied with our seed, it must be returned to our Agents within 5 days it is delivered.

PYRUS SEROTINA

Wild Japanese Pear. A bright resistant type, rapid in growth and an excellent understock. Very popular in our Southern States. **The seed should be ordered early.**

\$ 4.60 lb; \$ 41.00 10 lbs.

PYRUS USSURIENSIS (Cultivated)

Embodies all of the advantage of the wild variety and in addition, produces an astonishingly even top growth. **The seed should be ordered early.**

\$ 5.50 lb; \$ 50.00 10 lbs.

ABIES VEITCHII (Veitch Fir)

Less tall than homolepis with a smooth, pale gray bark and short, horizontally spreading branches clothed with dark green leaves silvery on the lower surface.

\$ 1.60 lb; \$ 14.50 10 lbs.

GINKGO BILOBA (Maidenhair Tree)

The sole survivor of a preglacial group. Makes a magnificent, picturesque, upright shade tree and is always in good demand. Ginkgos are noticeably free from insect damage. The nuts are edible.

40 ¢ lb; \$ 3.60 10 lbs.

JUNIPERUS CHINENSIS (Chinese Juniper)

More often assumes the form of a medium sized, broadly pyramidal tree than that of a slender branched shrub. Some specimens reach a height of 60 feet. The foliage consists of two kinds of leaves, narrow and closely appressed scalelike ones; and pointed, linear, spreading needles. Highly recommended for landscape planting as it does remarkably well in cultivation, withstanding extremes of cold, heat and drought.

\$ 2.00 lb; \$ 18.00 10 lbs.

Unless specified, our seeds are always cleaned either out of hulls or berries. Such seeds are far economical for the nurserymen than uncleaned seeds.

LARIX LEPTOLEPIS (Japanese Larch)

Its quick growth and blight resistance is attracting American and European foresters. We expect to have a good crop this year and can supply high quality seed. Early order is appreciated. For large quantity, please write for current price.

\$ 4.50 lb; \$ 40.00 10 lbs.

SCIADOPYTIS VERTICILLATA (Japanese Umbrella Pine)

Most notable conifers that can be grown in the climate of Mass. It is of dense, pyramidal habit with ascending spreading branches. The leaves are borne in clusters around the stem, one tier above another, suggesting a parasol, hence its common name. They unfold bright green but soon change to black-green and remain so throughout the winter. The strap-shaped leaves, each from 3 to 4 inches long, are thick and leathery in texture with a white line on the under side. It likes a cool situation and good soil. On account of its great hardiness and distinct appearance nurserymen ought to raise it in quantity.

\$ 2.50 lb; \$ 22.50 10 lbs.

TAXUS CUSPIDATA (Japanese Yew)

Not only is production from seed cheaper than from cuttings, but it results in more shapely upright plants. Slow in growth with spreading habit. Needles dark green but lighter than English Yew. Culture is very simple. Perfectly hardy.

95 ¢ lb; \$ 8.50 10 lbs.

ACER PALMATUM (Japanese Maple) small seeded type

Leaves attractive bronzings to brilliant red, graceful and very decorative. The small seeded has invariably produced stronger grafting stock and more seedlings per pound of seed. Best understock for grafting.

\$ 1.80 lb; \$ 16.50 10 lbs.

ACER PALMATUM ATROPURPUREUM, Bloodleaf Japanese Maple

We warn our customers that Japanese Bloodleaf Maple produces an indefinite number of true types when grown from seed. The percentage of true colored trees from 50% to 80%. Comparison will show our seed, collected only from selected trees, to be the best.

\$ 6.00 lb; \$ 54.00 10 lbs.

ACER PALMATUM ATROPURPUREUM DISSECTUM, Threadleaf Red Maple

Excellent garden tree of drooping type with heavily cut, fern-like foliage of bloodred color. Seeds collected from true specimen trees.

\$ 4.00 $\frac{1}{4}$ lb; \$ 12.00 lb.

AMPELOPSIS TRICUSPIDATA (Veitchii), Japanese Creeper

A most popular vine plant. It clings firmly to wall, which turns scarlet orange in fall, is particularly attractive.

\$ 1.30 lb; \$ 11.50 10 lbs.

AZALEA JAPONICA (MOLLIS,) mixed colors

Collected from an assortment of various colors such as pure yellow, orange red, brownish red, etc. Flowers borne in great profusion.

50 ¢ oz; \$ 1.50 $\frac{1}{4}$ lb.

AZALEA JAPONICA (Mollis), YELLOW FLOWERING

We collected from true specimen trees.

\$ 1.00 oz; \$ 3.00 $\frac{1}{4}$ lb.

AZALEA KURUME, mixed colors

Few Azaleas can beat Kurume in beauty. It contains a vast range of most fascinating brilliant shades as well as intermediate colors. Single, as well as hose-in-hose flowers. We collect our seed from beautiful garden collections. \$ 1.00 pkt; \$ 6.00 oz.

AZALEA NIKOENSE (quinquefolia rosea)

One of the most beautiful hardy deciduous Azaleas from Japan. The flowers are purest pink and appear before the leaves. The trees grow to 15 feet or more. The seeds germinate with ease and careful nursing of the seedlings yields an abundance of these valuable plants.

\$ 2.50 oz; \$ 7.50 $\frac{1}{4}$ lb.

AZALEA SCHLIPPENBACHII (Royal Azalea)

A sturdy bush of upright habit, bearing on naked twigs terminal clusters of large pure pink blossoms. A very hardy deciduous Azalea desirable to all gardens.

\$ 1.00 oz; \$ 3.00 $\frac{1}{4}$ lb.

BERBERIS THUNBERGII

One of the most valuable species, especially remarkable for its low, dense, horizontal growth, its large brilliant red fruits, remaining fresh till the following spring, and for its bright scarlet fall coloring, hardy. Very valuable for borders of walks and drives and for low ornamental hedges.

\$ 1.80 lb; \$ 16.00 10 lbs.

CAMELLIA JAPONICA DOUBLE-FL., mixed colors

Double flowered of the Japanese Camellia. Collected from garden varieties.

\$ 1.80 lb; \$ 16.50 10 lbs.

CERCIS CHINENSIS (Redbud)

Grows to 8 feet in height making a good form of bush. The foliage in autumn assumes fine tints. It blooms freely and the flowers are larger and better colored than most of the other varieties.

\$ 2.25 lb; \$ 20.00 10 lbs.

CLEMATIS PANICULATA (Virgin Bower)

Beautiful climbers for the shady side of the house or the trellis. Water and hoe them frequently in the summer for best results. Flowers white, very profusely produced in late summer.

\$ 1.50 lb; \$ 13.50 10 lbs.

CLEMATIS FLORIBUNDA, large-flowering mixed colors

Extremely fine garden Clematis.

\$ 1.00 oz; \$ 10.00 lb.

CORNUS KOUSA (Kousa Dogwood)

Comes to flower mid-June. Its upstanding heads on rigid slender stalks are covered with rich green leaves. Copious floral heads, each from 5 to 6 inches across, last for full a month before turning scarlet. **Order early.**

\$ 1.00 lb; \$ 9.00 10 lbs.

CYDONIA JAPONICA PYGMAEA (Dwarf Flowering Quince)

Similar to *C. japonica* (Flowering Quince) in brilliancy of flower and shape of fruit, but of dwarf and creeping habit. Highly recommended for rock gardens. Easy to grow from seed.

\$ 1.00 lb; \$ 9.00 10 lbs.

Unless specified, our seeds are always cleaned either out of hulls or berries.
Such seeds are far economical for the nurserymen than uncleaned seed.

DISANTHUS CERCIDIFOLIUS**(Granted Award of Merit By Royal Horticultural Society)**

An uncommon Japanese shrub, remarkable for its vivid autumnal coloring. It is of good habit, with slender, spreading growths, eventually reaching a height of 8 or 10 feet. The large leaves are broadly ovate or suborbicular, cordate at the base, dark green and somewhat glaucous beneath during the summer, changing to a rich vinous red. The insignificant reddish flowers are occasionally produced during the summer.

\$2.50 lb; \$22.50 10 lbs.

EUONYMUS ALATUS (Winged Euonymus)

Turns brilliant-red in the autumn. Berries also turn to bright red. Very showy.

85¢ lb; \$7.50 10 lbs.

IDESIA POLYCARPA

An ornamental tree which commands great attention. Bark is greyish white. The fragrant yellowish flowers appear in pendulous panicles and are followed in fall by large red berries.

\$2.00 lb; \$18.00 10 lbs.

ILEX CRENATA (Japanese Holly)

A small tree with small thick glossy foliage similar to Boxwood. Lends itself to specimens and hedgework and may be trimmed frequently.

80¢ lb; \$7.20 10 lbs.

MAGNOLIA CONSPICUA (Yulan)

Ours is true strain. Flowers large, campanulate, white, sweet scented. Order early.

\$5.00 lb; \$45.00 10 lbs.

MAGNOLIA KOBUS (Japanese Magnolia)

Many nurserymen have trouble in starting the seed but we can supply such Kobus seed which is sure to germinate. They are harvested with utmost care and dried in such manner that they do not fail to germinate. Customers must plant our seeds immediately on their arrival.

\$1.40 lb; \$12.50 10 lbs.

MAGNOLIA LILIFLORA

A large flowering Magnolia. The flower appears in March-April before leaves come up and is even larger than Yulan but with dark purple-red color, and remains cupped and does not open flat.

\$3.50 lb; \$31.50 10 lbs.

NANDINA DOMESTICA RED

One of the most beautiful of red berries in Japan. Usually they attain from 3 to 6 feet high making standard appearance as they lose their foliage from the bottom. The brilliant red berries born on the top part of the plant in very heavy clusters which easily measure more than foot long covered by hundreds of good sized round berries of most brilliant red imagined. Easily can be grown from seed and comes to berry within a few years.

\$1.20 lb; \$11.00 10 lbs.

PRUNUS INCISA (Mame Cherry)

Absolutely hardy in the Arnold Arboretum and rivals *P. subhirtella* in abundance of blossom. As the petals fall, the calyx become bright colored and add fully a week to the spring beauty of this tree.

\$1.80 lb; \$16.50 10 lbs.

PRUNUS SERRULATA (Oriental Cherry)

Another parent to a large group of hardy double flowering varieties. The low price of the seed permits its extensive use as understock.

\$ 1.40 lb; \$ 12.50 10 lbs.

PRUNUS SERRULATA SACHALINENSIS (Ezo-Yama Cherry)

Also known as Sargent Cherry. Native of northern Japan and, therefore, perfectly hardy. Flowers are rich rosy pink, fading to pink and the largest of all Japanese Cherries. Very hardy.

\$ 1.60 lb; \$ 14.50 10 lbs.

PRUNUS SUBHIRTELLA (Spring Cherry)

One of the most beautiful of all the lesser flowering trees. It is an extra early flowering variety and exceedingly floriferous year after year, and its blossoms last longer than those of other single flowered types. At first pink, the flowers become lighter with age, until, when ready to fall, they are almost white. Flowers already in March/April.

\$ 2.00 lb; \$ 18.00 10 lbs.

PRUNUS SUBHIRTELLA PENDULA (Shidare-Higan, Weeping Cherry)

The popular Japanese Weeping Cherry. As our seeds are collected from only the best specimens, they will produce a good percentage of true types.

\$ 2.50 lb; \$ 22.50 10 lbs.

PRUNUS TRILOBA (Flowering Plum)

Makes a broad bush. 12 feet high and 20 feet in diameter. Its slender rigid stems are densely packed with Double Rose-like pink blossoms.

\$ 1.20 lb; \$ 11.00 10 lbs.

PUERARIA THUNBERGIANA (Kudzu Vine)

The use of this plant as a forage crop is highly recommended. The U. S. Department of Agriculture went to the expense of sending representatives to the Orient to further study it. To quickly establish a field, the use of seedlings has been found advisable due to its slow initial development. Particularly in the Southern States, where the plant is best known, the growing of seedlings should prove profitable. Being of rapid growth, it makes a good cover. **For large quantity price on application.**

\$ 1.20 lb; \$ 11.00 10 lbs.

ROSA MULTIFLORA

Useful understock and ornamental. Perfectly hardy in the Northern States. Pure white flowers are borne in great profusion. Excellent for mass plantings and embankments. **For large quantity, please write for current price.**

55 ¢ lb; \$ 5.00 10 lbs.

ROSA MULTIFLORA THORNLESS

We collect seeds from only thornless stocks but all the seedlings are not like their parents. However, good many percentage are thornless. The best way is to make cuttings from these thornless seedlings.

\$ 1.00 lb; \$ 9.00 10 lbs.

Unless specified, our seeds are always cleaned either out of hulls or berries. Such seeds are far economical for the nurserymen than uncleaned seeds.

ROSA WICHURAIANA

A handsome rose for covering banks and rockeries, with polished, dark green leaves on creeping branches and pure white, fragrant blossoms.

75 ¢ lb; \$ 6.70 10 lbs.

STYRAX JAPONICA (Japanese Snowbell)

The bell-shaped flowers are borne in cymose clusters at the end of every branchlet and the corolla is of pure, waxy white. No other tree has such an abundance of bloom. Grows freely from seed.

65 ¢ lb; \$ 5.80 10 lbs.

WISTERIA SINENSIS

Attractive large twiners with pea-shaped flowers, planted for covering porches, arbors, and buildings: the noblest of the woody vines. Bloom in May.

Blue flowering \$.75 lb; \$ 6.80 10 lbs.

White flowering 1.50 lb; 13.50 10 lbs.

FLOWERING KALE, mixed colors

In young stage its leaves green just like ordinary Kale, but in autumn as the season advances remarkably beautiful colors such as white, cream, pink, rose, magenta, etc., begin to appear on dark green ground.

As the plants grow, the colors become more brilliant and keep well through winter until late spring.

Sakata's strain is better in color, more compact in habit which makes it more suitable for pot plant than the old loose and tall growing Coleus-leaved or variegated-leaved Kale.

Considering its conspicuous color and its marvellous keeping quality, this Flowering Kale should gain great popularity as pot plants for X'mas or New Year decoration or as bedding out plants for winter and spring borders.

Cultural notes:

Seed is sown in seed bed in April to May. Transplanted two or three times as they grow on. By the middle of Nov. they are planted out in bed 1½ ft. apart, or planted singly in pots using 8 or 10 in. pots. Do not apply too much fertilizer at the time of final shifting, as such will delay the coming of color.

For other points do just as you will grow Cabbage or Kale. Where climate is very cold it is better to stow in a cold frame or under shed to ward off frost.

50 ¢ oz: \$ 1.50 ¼ lb.

IRIS KAEMPFERI

Undoubtedly the finest of all Iris family. Especially so, as the seeds are collected from famous collection, cultivated for exhibition purpose.

40 ¢ oz; \$ 1.00 ¼ lb.

LILIUM PHILIPPINENSE FORMOSANUM WHITE-FLOWERED STRAIN

Flowers within six to eight months from seed. Seedling of February to March already comes into flower in September the same year. Under moderate climate keeps on flowering continuously year after year. Excellent both for pots and garden, also invaluable for cut flowers. Produces good percentage of pure white flowers.

\$ 2.00 oz; \$ 5.00 ¼ lb.

LILIUM PHILIPPINENSE FORMOSANUM SAKATA'S GIANT FLOWERED PURE WHITE STRAIN (Our own breed)

In search of large flowering pure white strain of this lily, we have made hundreds of line selections and were fortunate in finding a special fixed strain which we can offer with good confidence. This strain bears large flowers than other types and the color of flower is stainless pure white.

\$ 1.00 pkt; \$ 4.00 oz; \$ 12.00 $\frac{1}{4}$ lb.

PAEONIA CHINENSIS DOUBLE-FL., mixed colors

Famous Peony of Japan, collected from fine garden varieties.

\$ 3.50 lb; \$ 31.50 10 lbs.

PAEONIA SUFFRUTICOSA (Moutan), mixed colors

Double Tree Peony mixed. Our collection is done only from cultivated double flowering sorts of the most beautiful colors and shapes. Hardy.

\$ 6.00 lb; \$ 54.00 10 lbs.

SCABIOSA FISCHERI

An attractive Scabious of Manchurian origin, easy to grow and a long-lived perennial. Height about $2\frac{1}{2}$ feet and requires no stake, being neat and tidy habit. Flower is $2\frac{1}{2}$ inches across and is beautiful blue-purple color not easy to describe. Flowering growths are clothed with smaller, finely cut foliage up to the height of a foot or more, these ending in a long, naked flower stem which makes the plant a useful subject for cutting.

60 ¢ oz; \$ 1.80 $\frac{1}{4}$ lb.

Explanation of Signs employed in the following list.

*.....Early maturing varieties which should be ordered at once.

a.....Annual.

acAnnual Climber.

alAlpine Plant.

biBiennial.

bi. al ..Biennial Alpine Plant.

dDeciduous.

dcDeciduous Climber.

eEvergreen.

ecEvergreen Climber.

pPerennial.

p. al ..Perennial Alpine Plant.

s.....Shrub.

RPlants suited for Rock and Alpine Gardens.

*Unless specified, our seeds are always cleaned either out of hulls or berries.
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Fruit and Economic Plant Seeds

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

ALEURITES (Tung-oil Tree)

d	cordata (elaecocca)	\$.75	\$ 7.00
	<i>Fine smooth-barked tree, good for shade and will stand high temperature.</i>		

CAMELLIA – see page 18.

CASTANEA

d	japonica , Japanese Wild Chestnut .. .. .	.50	4.50
	<i>Hardy as far north as Mass., small fruiting.</i>		
d	mollissima , Korean Chestnut, Heijo strain .. .. .	.70	6.30
	<i>See Specialty page 2.</i>		
d	pubinervis , Korean Chestnut, sweet .. .. .	.60	5.40
d	Tamba , Giant Japanese Chestnut .. .. .	.60	5.40
	<i>Another much appreciated Chestnut which yields an abundance of giant edible nuts.</i>		

CINNAMOMUM

e	camphora , Camphor Tree .. .. .	.70	6.30
	<i>Also fine for street planting.</i>		

CITRUS

e*	aurantium , Sour Orange	1.30	11.50
	<i>White flowers, followed by large yellow Orange, sour.</i>		
s*	trifoliata , Hardy Orange .. .. .	.80	7.20
	<i>5-6 ft. tall, thorny, flowers white, a hedging variety.</i>		

CRATAEGUS

d	cuneata , Nippon Hawthorn	2.00	18.00
	<i>Handsome bush with white flowers in clusters in spring. Fruits fine red or orange. Highly ornamental.</i>		

DIOSPYROS

d	japonica , Japanese edible Persimmon .. .. .	.50	4.50
d	Kaki , large-sized Japanese edible Persimmon, <i>delicious</i>. ..	.55	5.00
d	lotus , Dateplum, good stock in North. .. .. .	.60	5.40

ERIOBOTRYA

e*	japonica Improved , Japanese Loquat, large-fruited type. .	.70	6.30
	<i>Rapid growing, round-headed tree, with large, dark green leaves silvery beneath. Has creamy-white flower of good fragrance in winter. Orange fruit borne in clusters in May-June, both edible and decorative.</i>		

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

JUGLANS

d	mandshurica , Manchurian Walnut	\$.70	\$ 6.30
	<i>Remarkably striking. Consist of from 9 to 17 leaflets, which are oblong, taper pointed and finely toothed. The fruits are clustered several on a stalk, the nuts being thick shelled, grooved, and abruptly pointed at the top.</i>		
d	regia sinensis , Chinese Walnut, large .. .. .	.55	5.00
d	Sieboldiana , Japanese Walnut for understock and timber .. .. .	.40	3.60
d	Sieboldiana cordiformis , Flat Walnut for understock and timber .. .. .	.40	3.60

MALUS (Crab) - see page 25.

PRUNUS - see also page 26 - 27.

d*	Mume , Japanese Plum .. .. .	.70	6.30
	<i>Flowers white or light pink of star-shaped, fragrant, highly ornamental.</i>		
d*	Ansu , Japanese Apricot .. .. .	.35	3.15
	<i>Flower pinkish-white in spring, fruits yellow.</i>		
d*	armeniaca mandshurica , Manchurian Apricot .. .. .	.70	6.30
	<i>A picturesque, round headed small tree with flowers of pinkish-white, red checked fruits, fine flavored.</i>		

PUNICA

d	granatum , Japanese edible Pomegranate	3.00	27.00
	<i>Also valuable for ornamental purposes on account of its fine vermilion-red flowers borne continuously in profusion, followed by fruits of rich maroon pink.</i>		

IMPORTANT

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If our customers are not satisfied with our seed, it must be returned to our Agents within 5 days it is delivered.

PYRUS (Pear) Order early.

		Per lb.	10 lbs.
d*	serotina , Wild Japanese Pear.	\$ 4.60	\$ 41.00
	<i>See Specialty page 2.</i>		
d*	ussuriensis (wild)	5.00	45.00
	<i>Also a blight resistant type. Its strong root system adds to its value as grafting understock.</i>		
d*	ussuriensis, Cultivated Chinese Stock	5.50	50.00
	<i>See Specialty page 2.</i>		
d*	betulaefolia	7.00	63.00

Unless specified, our seeds are always cleaned either out of hulls or berries. Such seeds are far economical for the nurserymen than uncleaned seeds.

RIBES - see page 28.

THEA

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

- e **sinensis**, Tea Plant \$.35 \$ 3.15
Flowers white, fragrant, leaves yield the well-known tea which is of great commercial importance.

ZANTHOXYLUM

- d **piperitum** 1.30 11.50
A compound, rounded shrub of neat, bushy habit with graceful, compound leaves and purplish, thorny stems. The fruit is fragrant, pungent and used as a fragrant pepper.

ZIZYPHUS

- d **jubba** (vulgaris), Chinese Date or Common Jujube .. 1.30 11.50
The fruits or berries are in Nov./Dec. and begin to appear at 3 years from planting, and is used in confectionery.

Coniferous Seeds

ABIES - see also Picea page 12.

Per lb. 10 lbs.

- firma**, Momi Fir, \$1.00 \$ 9.00
Leaves thick and rigid, cones cylindrical, with keeled scales, rows rapidly.
- homolepis** (brachyphylla), Nikko Fir 1.60 14.50
A tree of rare gracefulness. Perfectly hardy in the Arnold Arboretum. It frequently grows to 120 feet with wide-spreading branches, dark green leaves which are silvery on the underside. One of the handsomest of all Silver Firs.
- Mariesii**, Maries Fir 1.50 13.50
Small tree with crowded branches and short, dark foliage which is pale below, cones large, dark purple.
- sachalinensis**, Sakhalin Fir 2.20 20.00
Tall tree with pale bark, white buds, and long, slender, dark green leaves, cones 3 inches long, perfectly hardy.
- umbellata** (umbilicata) 1.50 13.50
- Veitchii**, Veitch Fir, highly ornamental 1.60 14.50
See Specialty page 2.

BIOTA - see Thuja page 13.

CEPHALOTAXUS

- drupacea**, Japanese Plum Yew40 3.60
Yew-like plants but of more graceful habit, grown for their handsome evergreen foliage.

Any other varieties not listed in this list, prices on request.
 Special prices on larger quantities.

		F. O. B. Seattle Duty and Fumigation Included	
		Per lb.	10 lbs.
CHAMAECYPARIS (Thuja or Retinospora)			
obtusa , Hinoki Cypress.	.. .. .	\$1.20	\$11.00
Very popular and highly valued for timber in Japan. Also valuable as ornamental.			
obtusa var. breviramea , Dwarf Cypress	.. .. .	3.30	—
Narrow pyramidal habit, with short branches; branchlets crowded, glossy green on both sides. A good garden Cypress.			
pisifera , Sawara Retinospora	.. .. .	2.30	21.00
In U. S. A. this is used more for ornamental purpose than timber. The deep green foliage is displayed on flattened branches, also held horizontally, and is graceful and feathery.			
CRYPTOMERIA			
japonica , Common Cryptomeria	.. .. .	.90	8.10
A handsome, rapid-growing tree with an elongated pyramidal outline and upright spreading branches, excellent for timber as well as ornamental uses.			
CUNNINGHAMIA			
lanceolata , (sinensis), Chinese Fir	.. .. .	2.50	22.50
A very decorative conifer for warmer districts, much resembling the <i>Araucaria brasiliensis</i> , highly ornamental, hardy.			
GINKGO			
biloba , Maidenhair Tree. See Specialty page 2.	.. .. .	.40	3.60
JUNIPERUS (seed matures very late)			
chinensis , Chinese Juniper	.. .. .	2.00	18.00
See Specialty page 2.			
japonica , Japanese Juniper	.. .. .	3.00	27.00
A very hardy garden variety of <i>J. chinensis</i> and an effective ornamental.			
rigida , Needle Juniper	.. .. .	3.00	27.00
LARIX For large quantity, write for current price.			
dahurica , Korean Larch	.. .. .	4.50	40.00
leptolepis , Japanese Larch. See Specialty page 3.	.. .. .	4.50	40.00
PICEA — see also <i>Abies</i> page 11.			
Glehnii , Sakhalin Spruce	.. .. .	4.00	36.00
Tree to 150 ft. with leaves whitish above, green beneath, valuable for timbers.			
jezoensis , (ajanensis) Yeddo Spruce	.. .. .	4.00	36.00
Highly ornamental and hardy.			
jezoensis hondoensis , Hondo Spruce	.. .. .	4.00	36.00
Highly ornamental, hardy.			
Koyamai	.. .. .	6.00	—
Narrow pyramidal habit, hardy. It is seldom to have the seed, but this year we expect a small crop. Order early.			
polita , Tigertail Spruce	.. .. .	4.00	36.00
Very rare tree of irregular form, branchlets bunched producing a tufted effect that makes the tree strikingly unique.			

Unless specified, our seeds are always cleaned either out of hulls or berries.
Such seeds are far economical for the nurserymen than uncleaned seeds.

		F. O. B. Seattle	
		Duty and Fumigation Included	
		Per lb.	10 lbs.
PINUS			
densiflora , Japanese Red Pine	\$.75	\$ 7.00	
<i>Its density of foliage, orange toned bark and spreading habit of growth give this small, flat topped pine, a picturesque quality.</i>			
koraiensis , Korean Pine. .. .. .	.75	7.00	
<i>Mr. Sakata calls special attention to the handsome and dense habit of this Pine. An outstandingly fine species.</i>			
massoniana , Formosa Red Pine	3.00	27.00	
parviflora (pentaphylla), Japanese Fiveleaf White Pine ..	1.30	11.50	
<i>In cultivation it is usually a low tree, upon whose twisted horizontal branches of uneven length appear the decorative clustered tufts of short, gray-green needles.</i>			
pumila , Creeping Pine	6.00	—	
<i>Shrubby, often procumbent; allied to P. Cembra, hardy.</i>			
tabuliformis , Chinese Pine	1.50	13.50	
Tanyosho , Japanese Table Pine, true seed. Per $\frac{1}{4}$ lb. \$3.00	10.00	—	
<i>A round headed tree of moderate growth with light grass-green foliage. From Japan we are advised that the upright shoots must be pinched back if a true Table form is desired.</i>			
Thunbergii , Japanese Black Pine .. .. .	.75	7.00	
<i>Very picturesque in habit, with an irregular trunk and stiff, horizontal branches of unequal length. Two needled species with long, upward pointing leaves.</i>			
PODOCARPUS			
macrophylla , Yew Podocarpus .. .. .	.80	7.20	
<i>Upright tree with broad, soft yew-like needles. Covered in fall with beautiful blue fruits of unusual form.</i>			
Nagi , Japanese Podocarpus .. .. .	.85	8.00	
<i>Tree to 90 ft. with spreading, sometimes pendulous branches, leaves bright green and glossy, also valuable for ornamental.</i>			
SCIADOPITYS			
verticillata , Umbrella Pine. See Specialty page 3. ..	2.50	22.50	
TAXUS			
cuspidata , Japanese Yew. See Specialty page 3. ..	.95	8.50	
THUJA (Biota)			
orientalis , Oriental Arborvitae .. .. .	.55	5.00	
<i>Compact and bushy, foliage bright green, bronzy in winter.</i>			
orientalis compacta , Dwarf Oriental Arborvitae	1.50	13.50	
<i>More dense and compact type than the above forming a good appearance. Our seeds which are collected only from the very best specimens, will produce a high percentage of trees true to type. It germinates quickly and is easy to grow.</i>			
Standishii , Standish Arborvitae	3.00	27.00	
<i>Similar to. T. plicata but lower-20-30 ft. high, ornamental.</i>			

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

		F. O. B. Seattle Duty and Fumigation Included Per lb. 10 lbs.	
THUJOPSIS			
dolabrata , False Arborvitae	.. .. .. .. ..	\$2.70	\$ 24.50
Ornamental tree or shrub chiefly for the handsome ever- green foliage and formal habit, hardy.			
TORREYA			
nucifera , Japanese Torreya, large edible nuts	.. ..	.45	4.00
30 ft. but occasionally 80 ft. high, with spreading branches, forming a compact head, ornamental for their handsome foliage and interesting habit. Hardy.			
TSUGA			
diversifolia , Japanese Hemlock	.. .. .. ..	3.30	30.00
A valuable tree both for ornamental and timbers.			
Sieboldii , Siebold Hemlock	.. .. .. ..	3.30	30.00
Very similar to the preceding but larger all way through.			

Miscellaneous Tree and Shrub Seeds

		F. O. B. Seattle Duty and Fumigation Included Per lb. 10 lbs.	
ACANTHOPANAX (Kalopanax)			
d	ricinifolium , Castor Arabia	\$1.80	\$ 16.50
	Very ornamental tree of striking subtropical effect.		
d	spinosum , a graceful shrub.	2.80	25.50
ACER (Maple)			
	Maple seeds supplied by T. Sakata & Co., are free of wings and of exceptionally high purity and germination.		
d	argutum	2.00	18.00
	Graceful shrubby tree with leaves of broadly ovate, 5-7 lobed, hardy.		
d	carpinifolium , Hornbeam Maple	2.00	18.00
	Very distinct, hardy species, with the Carpinus-like leaves.		
d	cissifolium	2.50	22.50
	Handsome, round-headed tree, with slender, spreading branches and graceful bright green foliage, turning scarlet in autumn, hardy.		
d	crataegifolium	1.80	16.50
	Small tree, oblong-ovate, often 2-4 lobed, graceful and hardy.		
d	diabolicum purpurascens , Red-Devil Maple	1.50	13.50
	Flowers purple-red, leaves turning red in autumn.		
d	ginnala , Amur Maple	1.50	13.50
	Shrub, 3-lobed, flowers yellowish, fragrant.		

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		F. O. B. Seattle	
		Duty and Fumigation Included	
		Per lb.	10 lbs.
ACER (Cont'd)			
d	japonicum , Fullmoon Maple	\$1.80	\$ 16.50
	Extremely handsome shrub of dense and graceful habit, with elegant foliage, beautiful especially in spring for its delicate shades of green and red, and again in autumn, when the leaves assume the most striking tints.		
d	micranthum , 5-7 lobed, flowers and fruits small, fine. ..	2.40	21.50
d	nikoense , Nikko Maple	1.35	12.00
	Very distinct, leaves turning brilliant scarlet in autumn.		
d	palmatum small-seeded type , Japanese Maple	1.80	16.50
	See Specialty page 3.		
d	palmatum large seeded type , Japanese Maple	1.70	15.50
d	palmatum atropurpureum , Bloodleaf Japanese Maple ..	6.00	54.00
	We warn our customers that Japanese Bloodleaf Maple produces an indefinite number of true types when grown from seed. The percentage of true colored trees from 50% to 80%. Comparison will show our seed, collected only from selected trees, to be the best.		
d	palmatum atropurpureum dissectum , Threadleaf Red Maple. Excellent garden tree of drooping type with heavily cut, fern-like foliage of bloodred color. Seeds collected from true specimen trees. Per $\frac{1}{4}$ lb. \$4.00	12.00	—
d	pictum , Painted Maple	1.50	13.50
	Handsome round-headed tree, with bright green foliage, hardy.		
d	pseudo-Sieboldianum , Small-leaf Painted Maple	1.75	16.00
	Similar to A. palmatum, but somewhat coarser, hardy.		
d	rufinerve , 40 ft. with green bark.	1.50	13.50
d	spicatum , Mountain Maple	2.00	18.00
	Valuable as undergrowth, leaves turn yellow and scarlet in autumn.		
d	Tschonoskii , 5-7 lobed, graceful, hardy.	2.00	18.00

ACTINIDIA

dc	arguta , Bower Actinidia	3.00	27.00
	White flower followed by greenish yellow fruits, hardy in Mass.		
dc	polygama	4.00	36.00
	Known as Silvertine on account of the beautiful silvery white color of the young leaves.		

AESCULUS

d	turbinata , Japanese Horsechestnut .. .. .	.35	3.15
	The leaves are larger than Hippocastanum, but the flowers are smaller and less strongly marked with red. Hardy.		

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

		F. O. B. Seattle	
		Duty and Fumigation Included	
		Per lb.	10 lbs.
AKEBIA			
dc	lobata , (trifoliata) Three-leaf Akebia	\$1.00	\$ 9.00
	<i>Hardy, flowers smaller than quinata.</i>		
dc	quinata , Five-leaf Akebia	1.00	9.00
	<i>Hardy, handsome, not attacked by insects or fungi. Very graceful and desirable.</i>		
ALBIZZIA			
d	julibrissin , Silktree .. .. .	.85	7.60
	<i>Heads pink crowded on the top of branches, very beautiful.</i>		
ALEURITES - see page 9.			
ALNUS (Alder)			
d	firma	1.00	9.00
d	japonica genuina	1.50	13.50
	<i>Tall, pyramidal tree with dark green foliage; the largest and perhaps the most beautiful of all alders.</i>		
d	Maximowiczii	3.00	—
	<i>A shrub, ten feet in height, greenish yellow flowers in early spring before leaves develop.</i>		
d	tinctoria (hirsuta)	1.00	9.00
	<i>Handsome ornamental tree of very vigorous growth, with large foliage.</i>		
AMELANCHIER (Shadbush)			
d	asiatica , has white flowers in profuse, ornamental. ..	1.80	16.00
AMPELOPSIS			
dc	heterophylla , Porcelain Ampelopsis	1.50	13.50
	<i>Ornamental vine with handsome foliage and fruits, used for covering trellis, pergolas, arbors, low walls and the like.</i>		
dc	tricuspidata (Veitchii) Japanese Creeper	1.30	11.50
	<i>See Specialty page 3.</i>		
ANDROMEDA			
e	japonica - see <i>Pieris japonica</i> page 26.		
ARALIA			
d	elata (chinensis), Chinese Aralia	2.40	21.50
	<i>Grows well, also in somewhat dry, rocky or clayey soil, hardy.</i>		
d	elata canescens , Devils Walkingstick	2.40	21.50
	<i>The large leaves and the enormous clusters of flowers give this species a very distinct appearance.</i>		
e	Sieboldii (<i>Fatsia japonica</i>)	2.20	20.00
	<i>Round headed shrub which likes shade, leaves lobed, about a foot wide smooth and deep, glossy green. Good for pot culture as a porch plant. Flowers white in round clusters in late fall.</i>		

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F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

ARDISIA

- e **crenulata, (crispa)** Coral Ardisia \$2.20 \$ 20.00
Often, because of the limited supply, we have had to disappoint customers ordering late in the season.
- e **japonica**, Dwarf Ardisia 3.00 27.00

AUCUBA

- e **japonica**60 5.40
An evergreen ornamental with lustrous leaves and fine scarlet fruits, hardy.
- e **japonica variegata** 1.00 9.00
Very ornamental on account of their beautiful variegated leaves.

AZALEA - see also Rhododendron page 27.

All our Azalea seed is properly cleaned from the hull.
This insures you of a large number of seeds per Dollar.
It is much easier to sow when cleaned.

- | | | Per oz. | Per ¼ lb. |
|---|---|---------|-----------|
| d | dilatatum , Threeleaf Azalea | \$2.00 | \$ 6.00 |
| | A tall growing deciduous Azalea of beautiful pink flower. | | |
| e | Hinodegiri , Garden Azalea | 2.50 | 7.50 |
| | Famous fiery red Azalea of great floriferous habit. | | |
| e | indicum (macranthum), Japanese Satsuki | 2.50 | — |
| | Collected from fine garden varieties. | | |
| d | japonica (mollis) . See Specialty page 3. | .50 | 1.50 |
| | „ „ yellow flowering , very rare. | 1.00 | 3.00 |
| e | Kaempferi , Torch Azalea | 1.30 | 4.00 |
| | A twiggy, much branched shrub from 3 to 10 ft. high, with unscented flower, varying in color from salmon to rich red. | | |
| e | Kurume , mixed colors. See Specialty page 4. | 6.00 | — |
| e | mucronatum , Loochoo Azalea | 2.00 | 6.00 |
| | A well known hardy Azalea with pure white flowers. | | |
| d | nikoense (quinquefolia rosea) , soft pink fl. | 2.50 | 7.50 |
| | See Specialty page 4. | | |
| d | quinquefolia alba , Cork Azalea | 3.00 | — |
| | White flowering, very rare. | | |
| d | Schlippenbachii , Royal Azalea. See Specialty page 4. | 1.00 | 3.00 |

BENZOIN (Lindera)

- | | | Per lb. | 10 lbs. |
|---|---|---------|----------|
| e | obtusilobum , Japanese Spicebush | \$1.80 | \$ 16.00 |
| | Large shrub with very handsome foliage of grayish green; clusters many-flowered, berries black. | | |
| d | praecox , clusters few-flowered, berries brownish. | 1.00 | 9.00 |
| d | tribolum | 3.00 | 27.00 |
| d | umbellatum | 3.00 | 27.00 |

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

		F. O. B. Seattle	
		Duty and Fumigation Included	
		Per lb.	10 lbs.
BERBERIS			
d	Sieboldii , Siebold Barberry. Order early.	\$2.00	\$ 18.00
	<i>Very handsome shrub for its beautiful leaves and fruits which retain bright color until the following spring.</i>		
d	Thunbergii , Japanese Barberry. Order early.	1.80	16.00
	<i>See Specialty page 4.</i>		
BETULA			
d	japonica (alba) , White Birch	1.85	17.00
	<i>Rapid grower, bark silvery white, foliage triangular, changing to rich tints in fall, very effective.</i>		
BUCHLEYA			
d	joan , light green flowers appear around in June.	3.50	31.50
BUDDLEIA (Butterflybush)			
d	japonica	3.00	—
	<i>Hardy, ornamental shrub has handsome lilac colored flowers profusely in showy spikes or globular heads.</i>		
BUXUS			
e*	microphylla koreana , Hardy Korean Box	3.00	27.00
	<i>Handsome shrub of dense, compact growth with small deep green leaves. Good for hedging. Extremely hardy. On arrival, store them in shade and cool place. Before severe winter sets in, stratify the seeds with soil in the box burying them into the ground (thin layer may be better otherwise they sometimes germinate in the box). In March-April, take the seeds out of the box and sow them in the beds.</i>		
CALLICARPA			
d	japonica , Japanese Beautyberry	4.00	—
	<i>Flower pink or whitish followed by violet berry-like fruits, beautiful.</i>		
CAMELLIA			
e	japonica , Japanese Camellia . . . . .	.55	5.00
	<i>Beautiful pink flower in late spring with glossy deep green leaves. Excellent for garden uses.</i>		
e	japonica, winter flowering mixed colors , collected from garden varieties. Beautiful flowers in winter months.	1.50	13.50
e	japonica Double-fl. mixed colors	1.80	16.50
	<i>See Specialty page 4.</i>		
e	sasanqua , Sasanqua Tea . . . . .	.55	5.00
	<i>Seeds collected from garden varieties containing many different colors. An excellent garden tree in late fall to winter months.</i>		
e	theifera — see <i>Thea sinensis</i> page 11.		

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F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

CARPINUS (Hornbeam)

d	japonica (carpinoides)	\$2.00	\$ 18.00
	<i>A very graceful species and quite hardy.</i>		
d	laxiflora	2.00	18.00
	<i>Very attractive in fall, with its long and slender catkins.</i>		
d	Tschonoskii (yedoensis)	1.50	13.50
	<i>Foliage handsome assuming bright autumnal tints, fruit-clusters light green, attractive.</i>		

CATALPA

d	Kaempferi (ovata), Japanese Catalpa	2.00	18.00
	<i>An ornamental tree has handsome flowers of light yellow with purple tints in large and showy panicles in summer, fragrant. Hardier than the American species.</i>		

CELASTRUS

dc	orbiculatus (articulatus,) Oriental Bittersweet	1.35	12.00
	<i>More vigorous in growth than our native bittersweet and the orange yellow fruits more prolifically.</i>		

CELTIS

d	sinensis , Chinese Hackberry, hardy... .. .	1.35	12.00
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CERCIDIPHYLLUM

d	japonicum , Katsura-tree	3.00	27.00
	<i>"Rehder" considers this one of the best introductions from Japan. An ornamental tree of dense pyramidal habit.</i>		

CERCIS

d	chinensis , Chinese Redbud. See Specialty page 4. .. .	2.25	20.00
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CINNAMOMUM -see page 9.**CLADRASTIS** (Yellow-wood)

d	platycarpa	1.85	16.50
	<i>A tree with large panicles of white flowers and handsome foliage.</i>		

CLEMATIS

c	floribunda , large-flowered mixture .. Per oz. \$ 1.00	10.00	—
p	helacleifolia , Tube Clematis	1.50	13.50
	<i>Stout, erect, woody only at the base, flowers numerous in corymbs, light blue.</i>		
c	paniculata , Sweet Autumn Clematis	1.50	13.50
	<i>See Specialty page 4.</i>		

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Special prices on larger quantities.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

CLERODENDRON

- d **trichotomum**, Harlequin Glorybower \$1.20 \$11.00
A very handsome and hardy shrub with flowers white
tinged reddish brown.

CLETHRA

- d **barbinervis**, Tree Clethra 3.50 31.50
Has handsome spikes of white fragrant flowers in summer.

CORNUS (Dogwood)

- d **brachypoda** (macrophylla) 1.50 13.50
One of the handsomest dogwoods on account of its large
leaves and large panicles of white flowers.

- d **controversa** 1.50 13.50
Very similar in habit to *C. alternifolia*, but of more vigo-
rous growth and even more ornamental. It bears flat
corymbs of pretty, pure white flowers in May and large
bloomy black fruits in August.

- d **kousa**, Kousa Dogwood. See Specialty page 4. .. 1.00 9.00

CORYLUS (Hazelnut)

- d **heterophylla japonica** 2.00 18.00
Flowers monoecious appearing before the large cordate
leaves, nuts edible.

- d **rostrata**, Beaked Hazelnut 1.00 9.00
Shrub to 5-7 feet, flowers whitish brown.

CRATAEGUS - see Fruit page 9.**CYDONIA**

- d **japonica pygmaea**, Dwarf Flowering Quince .. 1.00 9.00
See Specialty page 4.

DAPHNIPHYLLUM

- e **humile**, dwarf form of the other. .. 1.00 9.00

- e **macropodum**90 8.10
Broad-leaved evergreen, hardy, cultivated for their handsome
large foliage.

DESMODIUM - see Lespedeza page 24.**DEUTZIA**

- d **scabra**, Fuzzy Deutzia 1.90 17.00
A deep green, rough leaved Deutzia of neat habit. Very
handsome.

DIERVILLA - see Weigela page 32.**DISANTHUS**

- d **cercidifolius**. See Specialty page 5. .. 2.50 22.50

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F. O. B. Seattle

Duty and Fumigation Included

Per lb. 10 lbs.

EDGEWORTHIA

- d* papyrifera, Golden Papertree. Order early. . . . \$1.30 \$ —
- Has small, yellow flowers in clusters in early spring. Fragrant.

ELAEAGNUS

- e umbellata, Autumn Elaeagnus 1.30 12.00
- Flowers are silvery grey and yellowish white inside and unusually profuse. Fruits are equally attractive.

ENKIANTHUS		Per ¼ lb.	Per lb.
d	campanulatus, Redvein Enkianthus	\$1.50	\$ 5.00
Its clustered blossoms hang beneath tufts of deep green leaves. Flowers vary from reddish-crimson and salmon shades to clear cream.			
d	cernus rubens	1.50	5.00
Red flowering variety of E. campanulatus. Hardy and highly ornamental. Easy to grow from seed.			
d	japonicus	1.50	5.00
White flower in drooping umbels and foliages turn yellow and partly scarlet in autumn, very beautiful.			

EUONYMUS

- d alatus, Winged Euonymus. See Specialty page 5. . . . \$.85 \$ 7.50
- e japonicus, Evergreen Burningbush 1.20 11.00
- Highly ornamental shrub of easy culture, foliage bright green, somewhat leathery.
- d oxyphylla 1.50 13.50
- Has handsome foliage and attractive fruits, flowers 5-merous, purple or whitish.
- ec radicans, Wintercreeper 1.20 12.00
- Naturally procumbent in habit, forms either a trailing stem rooting on others or a climbing vine, clinging readily to both stone and wood, evergreen.
- d sachalinensis 2.40 21.50
- Allied to E. latifolia, but with purple flower, fruit distinctly winged.
- d Sieboldianus (yedoensis), Japanese Burningbush . . . 1.00 9.00
- Almost tree-like in appearance with dark colored foliage which is the boldest of the spindle trees, being extremely large (to 6 inches long), coarse and leathery.

EUPTELEA

- d polyandra 2.00 18.00
- Ornamental shrub for their handsome foliage, also the red anthers of the precocious flowers are conspicuous in early spring.

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Special prices on larger quantities.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

FAGUS

- d **Sieboldii** (crenata), Japanese Beech \$3.00 \$27.00
Valuable timbers, also ornamental for their handsome foliage, good habit and the conspicuous color of the bark.

FRAXINUS (Ash)

- d **longicuspis** (Sieboldiana) 1.65 15.00
Probably the hardest ash with the handsome pinnate leaves and the conspicuous panicles of white flowers.
- d **mandshurica**, large tree to 100 ft., hardy. 1.50 13.50
- d **pubinervis** (japonica), allied to *longicuspis*. 1.50 13.50

GARDENIA

- e **florida**, Cape-Jasmine 3.00 27.00
Shrub, flowers white, solitary, fragrant.

GLEDITSIA

- d **japonica**, Japanese Honeylocust 1.50 13.50
Ornamental for their handsome finely divided foliage, also the large conspicuous pods and the branched spines are attractive.

HAMAMELIS

- d **japonica**, Japanese Witch-hazel 2.70 24.50
*This Japanese species is similar to *H. virginiana* but grows even larger. The flowers appear early in March and are larger and more abundant than common Witch-hazel. In this type the petals are clear yellow and the cupped sepals are usually purple on the inside.*

HIBISCUS

- d **syriacus**, Shrub-Althea 1.05 9.50
One of the showiest summer blooming shrubs with dark green foliage. Flowers in summer and autumn months. Hardy and highly ornamental.

HOVENIA

- d **dulcis**, Raising Tree 1.40 12.50
Has handsome cordate-ovate leaves, cymes many-flowered of greenish white, June-July.

HYDRANGEA

- d **involucrata** (cuspidata), Globe Hydrangea 2.50 22.50
Blue or pinkish flower.
- d **paniculata**, Panicle Hydrangea 2.20 20.00
The hardest of the Hydrangeas, white flower.
- dc **petiolaris scandens**, Climbing Hydrangea 3.50 31.50
With cymes of small white flowers.

IDESIA

- d **polycarpa**. See Specialty page 5. 2.00 18.00

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Duty and Fumigation Included
Per lb. 10 lbs.

ILEX (Holly)

e	crenata , Japanese Holly. See Specialty page 5.	\$.80	\$ 7.20
d	fujisanensis Resembles <i>I. pedunculosa</i> but bears a greater profusion of red berries.	4.00	36.00
e	integra Handsome garden tree on account of fine glowing foliage and red berries, tall growing.	1.05	9.50
e	latifolia This effective ornamental tree has heavy leaves resembling Cherry Laurel.	3.00	27.00
d	macropoda , Largestalked Holly Similar to <i>I. monticola</i> , flowers whitish, berries red.	2.20	20.00
e	pedunculosa , Longstalk Holly A beautiful evergreen Holly with heavy shiny foliages and long stalked red berries. One of the hardiest types of evergreen Holly.	2.20	20.00
e	rotunda Evergreen tree with shining deep green leaves. Numerous berry-like red fruits are produced on young shoots and highly ornamental all through the winter.	1.50	13.50
d	serrata (Sieboldii), Finetooth Holly Its beautiful red berries persist in great profusion during the winter months. A very popular garden tree in Japan on account of the high color of the berries.	2.20	20.00

ILLICIUM

e	anisatum (religiosum), Japanese Anisetree Flowers yellowish, grown for South. About as hardy as Camellia.	1.50	13.50
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INDIGOFERA

s	Kirilowii , Kirilowi Indigo A beautiful species with flowers as large as those of <i>Robinia pseudoacacia</i> , bright rose color.	2.40	22.00
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KADSURA

dc	japonica , Scarlet Kadsura Extraordinarily beautiful in the autumn when the clusters of scarlet fruit are ripe, their brilliancy being heightened by contrast with the dark green, lustrous, persistent leaves.	3.30	30.00
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KERRIA

d*	japonica Strong grower of bright yellow flowers and grows very readily from seed. A dignified pleasing shrub for specimen and group work.	2.80	25.50
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KUDZU VINE - see Specialty page 6.

Any other varieties not listed in this list prices on request.
Special prices on larger quantities.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

LAGERSTROEMIA

- d **indica**, Common Crapemyrtle, **pink flowering** \$3.00 \$ —

A very recommendable flowering shrub for hot interior valleys, being a mass of richest pink flowers during larger part of summer.

- d **indica**, Common Crapemyrtle, **white flowering** 3.50 —

LESPEDEZA

- s **Buergeri**, Shrub Bushclover70 6.30

With pea-shaped flowers in racemes.

- s **formosa (D. japonicum)**70 6.30

A hardy and decorative shrub that will add distinction to any gardens, flowers ruddy violet, September-October.

- s **formosa albiflora (D. japonicum album)** 1.05 9.50

White-flowering Bushclover, fine.

LIGUSTRUM

- d **ibota (obtusifolium)**, Ibota Privet85 7.70

Foliages, flowers and fruits noteworthy. Flowers profusely in July.

- e **japonicum**, Japanese Privet 1.35 12.00

An evergreen shrub suitable for hedging, foliage broad, pointed, dark green, flowers creamy-white in panicles.

LILAC — see Syringa page 30.

LONICERA

- ec **japonica**, Japanese Honeysuckle 2.50 22.50

Suitable for covering barren, unsightly areas or steep banks. In summer creamy white blossoms scent the whole atmosphere with their enchanting odor.

- d **Morowii**, Morrow Honeysuckle 2.50 22.50

A hardy shrub, six feet in height. Flowers white at first and then turn to yellow. Berries scarlet in September.

MAACKIA

- d **amurensis**, Amur Maackia 2.00 18.00

Tree to 40 ft., flowers white, papilionaceous, in dense upright racemes, foliage handsome.

MAGNOLIA

- d* **conspicua** (Yulan). See Specialty page 5. 5.00 45.00

- d* **hypoleuca**, Silver Magnolia 1.40 12.50

Both leaves and flowers enormous-sized, beautiful.

- d* **kobus**, Japanese Magnolia. See Specialty page 5. 1.40 12.50

- d* **liliflora**. See Specialty page 5. 3.50 31.50

- d* **parviflora**, Oxyana Magnolia 3.50 31.50

Unless specified, our seeds are always cleaned either out of hulls or berries.
Such seeds are far economical for the nurserymen than uncleaned seeds.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

MALLOTUS

d	japonicus	\$1.35	\$ 12.00
	<i>Greenish yellow flowers in spikes, leaves turn to yellow late in autumn.</i>		

MALUS (Pyrus)

d	Sieboldii (Pyrus Sieboldii), Toringo	3.50	31.50
d	Zumi (Pyrus Zumi), Zumi Crabapple	3.00	27.00
	<i>Small round headed tree with pinkish white flowers of an inch across, unsurpassable for profusion of bloom and fruit which is dark red, persistent.</i>		

MELIA

d*	azedarach (japonica), Chinaberry .. .. .	.70	6.30
	<i>Growth rapid, a desirable shade tree, flowers lilac-colored, fragrant.</i>		

MELIOSMA

d	myriantha , greenish yellow flower in panicles.	3.00	27.00
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MICHELIA

e	compressa , flowers fragrant, white in early spring.	1.50	13.50
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NANDINA

e	domestica red. See Specialty page 5.	1.20	11.00
e	,, white , white berried sport	3.00	27.00

NEOLITSEA

e	Sieboldii (Tetradenia glauca)70	6.30
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ORIXA

d	japonica	4.00	—
	<i>Particularly noteworthy because of its lustrous, light green foliage of aromatic odor. Forms a graceful spreading bush to 6 or 8 feet in height.</i>		

PAEONIA (Peony)

d*	chinensis double-fl. mixed colors. See Specialty page 8.	3.50	31.50
d*	obovata — see page 39.		
e*	suffruticosa (Moutan), Double Tree Peony mxd.	6.00	54.00
	<i>See Specialty page 8.</i>		

PAULOWNIA

d	tomentosa (imperialis), Royal Paulownia	2.00	18.00
	<i>40 ft., leaves large, flowers fragrant, pale violet.</i>		

PHELLODENDRON

d	amurense , Chinese Corktree	2.00	18.00
	<i>A tree of 50 ft. high with gray, corky, and deeply fissured bark.</i>		

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

PHOTINIA

e **glabra** \$2.00 \$18.00

An evergreen shrub with attractive dense purple red foliage. Extensively used for hedge work in the Orient. They have the color shown in Bloodleaf Maple.

d **villosa** (*Pourthiaea laevis*) 1.80 16.50

A very handsome shrub in flower, as well as in foliage particularly in fall when covered with its brilliant red, long retained berries which are not eaten by birds. The leaves also color brilliant red under favourable condition. Like *Cotoneaster* and *Exochorda*, it demands good drainage for best development, especially for good fall coloring.

PHYLLODOCE

d **nipponica** Per ¼ lb. \$3.00 — —

A small alpine shrub, making spreading cushion or wide mats, several tiny bell flowers are born on each stem.

PIERIS

e **japonica**, Japanese Andromeda 2.80 25.00

Hardy evergreen shrub, with clusters of Lily-of-the-Valley like flowers. Its lustrous foliage is highly ornamental.

PITTOSPORUM

e **tobira** 1.00 9.00

A handsome shrub of low-spreading growth; foliage dark green and glossy; flower yellowish-white, fragrant and abundant.

PLATYCARYA

e **strobilacea**, has graceful foliage. 3.00 —

POTENTILLA

e **fruticosa**, Shrubby Cinquefoil Per ¼ lb. \$3.00 — —

Low shrub, one or two feet in height, very hardy. Flowers sulphur yellow in June.

Japanese Flowering Cherries

PRUNUS (Cherry) — see also Fruit page 10.

d* **incisa**, Mame Cherry, See Specialty page 5. Per lb. 10 lbs.
\$1.80 \$16.50

d* **japonica**, Bush Cherry 1.20 11.00

A dwarf spreading shrub with beautiful, soft rose pink flowers.

d* **Lannesiana**, Hitoye Cherry 1.20 11.00

One of the principal parents of the double-flowered Japanese Cherries. Pure white blossoms, each about 1½ inches in diameter, borne several together in fascicles are crowded toward the ends of the branches. The flowers are fragrant.

Unless specified, our seeds are always cleaned either out of hulls or berries. Such seeds are far economical for the nurserymen than uncleaned seeds.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

PRUNUS (Cont'd)		
d	Maackii , Amur Cherry <i>Small tree with brownish-yellow, flaky bark. The flowers are white, borne in dense pubescent racemes, 2-3 inches long.</i>	\$4.00 \$ 36.00
d*	serrulata , Oriental Cherry. See Specialty page 6. . . .	1.40 12.50
d*	serrulata sachalinensis , Ezo-Yama Cherry <i>See Specialty page 6.</i>	1.60 14.50
d*	subhirtella , Higan Cherry. See Specialty page 6. . . .	2.00 18.00
d*	subhirtella pendula , Shidare-Higan, Weeping Cherry .. <i>See Specialty page 6.</i>	2.50 22.50
d*	tomentosa , Nanking Cherry <i>Hardy Oriental shrub with multitudes of thin, whip like stems. Flowers white tinged with pink appear late in April. Fruit rich scarlet and edible.</i>	2.50 22.50
d*	triloba , Flowering Plum. See Specialty page 6. . . .	1.20 11.00
d*	yedoensis (Yedo Cherry). <i>"This is the Cherry," wrote Mr. Wilson, "so generally planted in the parks, temple grounds, cemeteries and streets of Tokyo. Its flowering is the occasion of a popular festival in the city of Tokyo." The blossoms are white flushed with pink.</i>	1.80 16.50

PTEROCARYA		
d	rhoifolia , Japanese Wingnut <i>Has graceful pinnate leaves, good forest tree.</i>	1.00 9.00

PUERARIA (For large quantity, price on application)		
dc	Thunbergiana , Kudzu Vine. See Specialty page 6. . . .	1.20 11.00

RAPHIOLEPIS		
d	umbellata (japonica), Yedo Hawthorn <i>A dense compact dwarf shrub with thick, dark green foliage; flowers white with red anthers, followed by blue berries.</i>	1.00 9.00

RHAMNUS		
s	davurica , Dahurian Buckthorn.	3.50 31.50

RHODODENDRON - see also Azalea page 17.		
<i>All our Rhododendron seeds are properly cleaned. You will find them of splendid germination and easy to handle.</i>		
e	brachycarpum	Per oz. Per ¼ lb. \$2.00 \$ 4.50
<i>Flowers in dense clusters, funnel form-campanulate, creamy white, spotted greenish within, quite hardy.</i>		
e	chrysanthum	2.00 4.50
<i>Flowers are creamy yellow. A dwarf spreading shrub in alpine region, only a foot in height.</i>		
e	Metternichii , Leatherleaf Rhododendron	1.00 3.00
<i>Similar to the preceding, but rose colored spotted purple within. Hardy.</i>		
d	obtusum	2.50 7.50
<i>Although this botanical name is confined to a definite kind, we treat the seeds collected from several garden varieties known as Kurume-azalea.</i>		

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

RHODOTYPOS

- d **kerrioides** (scandens), Jetbead. \$2.00 \$ 18.00
Resembles Kerria japonica but with white flowers. A handsome and distinct shrub, hardy as far north as Mass. with bright green foliage.

RHUS

- d **javanica**, Java Sumac75 6.70
Valuable for its late blooming season and the most showy of the Sumacs in bloom.
- d **succedanea**, Wax-tree, flowers yellow-green in panicles. . . .65 5.80
- d **sylvestris**, allied to the preceding.1.50 13.50
- d **toxicodendron**, Poison Ivy1.50 13.50
Colors beautifully scarlet and orange in autumn, but is very poisonous.
- d **trichocarpa**, Mountain Varnish-Tree, Similar to vernicifera. 1.00 9.00
- d **vernifera**, Lacquer Tree1.20 11.00
Flower yellow-green in panicles, lacquer is obtained, poisonous.

RIBES

- d* **fasciculatum**, Japanese Winterberry Currant3.50 31.50
Handsome shrub for its late persisting foliage and the bright scarlet berries remaining during the whole winter.

ROSA

- e **acicularis**3.00 27.00
An alpine species. Branches slender and long, flowers dark purple.
- e **davurica**, Dahurian Rose1.20 11.00
Hardy Rugosa-like Rose with large purple-pink flowers and of sturdy growth.
- d **fujisanensis**, native of famous Mt. Fuji1.00 9.00
- d **microphylla var. hirtula**, light pink flower, beautiful. . .2.00 18.00
- d **multiflora**, Japanese Rose. See Specialty page 6. . . .55 5.00
- d „ **Thornless**. See Specialty page 6. . . .1.00 9.00
- d **rugosa**1.00 9.00
For seashore gardens this is one of the best of all plants. In Japan it is known as the Sea-Tomato, a very apt name when its natural habit and its fruits are remembered. Larger all way through than R. multiflora.
- dc **Wichuraiana**, Memorial Rose. See Specialty page 7. . .75 6.70

SAMBUCUS

- d **Sieboldiana typica**, Japanese Elder1.85 16.50
Clusters of scarlet fruits are attractive.

Unless specified, our seeds are always cleaned either out of hulls or berries.
 Such seeds are far economical for the nurserymen than uncleaned seeds.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

SAPINDUS			
d	Mukurossi , Chinese Soapberry	\$.70	\$ 6.30
	<i>Tree of economic use as well as ornamental.</i>		

SCHIZOPHRAGMA			
dc	hydrangeoides , Japanese Hydrangea Vine	2.50	22.50
	<i>A hardy climbing Hydrangea, valuable for both foliage and flower. Easy to start from seed.</i>		

SKIMMIA			
e	japonica	1.50	13.50
	<i>Handsome shrub for border of evergreen shrubberies, particularly beautiful when covered with their bright red berries which are retained through the whole winter.</i>		

SMILAX (Greenbrier)			
dc	china , useful for winter greens.	1.50	13.50

SOPHORA			
d	japonica , Chinese Scholartree	2.00	18.00
	<i>Yellowish white flowers in loose panicles, attractive.</i>		

SORBARIA			
d	stellipila , Starry False-Spirea	2.70	24.50
	<i>Highly ornamental for their large panicles of white flowers and the handsome pinnate foliage.</i>		

SORBUS (Mountain Ash)			
d	pseudo-gracilis	3.00	27.00
	<i>A small tree, leaves turn to burning red in autumn. Fruits are also scarlet.</i>		

SPIRAEA			
s	japonica ovalifolia , Japanese Spirea	3.00	27.00
	<i>Small shrub of white flowers in panicles.</i>		
s	salicifolia , Willowleaf Spirea	3.00	27.00
	<i>A hardy shrub, three to four feet in height. Flowers in terminal spikes, rose, blooms in August.</i>		

STACHYURUS			
d*	praecox	1.60	14.50
	<i>Yellow flowers in long spikes appear already in spring, ornamental.</i>		

Any other varieties not listed in this list, prices on request
Special prices on larger quantities.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

STAPHYLEA

- d **bumalda**, Bumalda Bladdernut \$1.50 \$13.50
White flowers in erect panicles, attractive.

STAUNTONIA

- ec **hexaphylla** Per ¼ lb. \$1.50 5.00 —
An evergreen six-leaved climber which looks like Akebia, but is heavier. Suitable for mild climate. Beautiful.

STERCULIA

- d **platanifolia**, Chinese Parasol tree65 5.80
A deciduous form of the bottle tree. Maple-like leaves thick and leathery and of immense size.

STEWARTIA

- d **monadelpha** 2.40 21.50
Flowers similar to S. pseudocamellia but smaller in size.
- d **pseudocamellia**, Japanese Stewartia 4.00 36.00
Has white Camellia-like flowers, each from 2 to 3 inches in diameter and a prominent mass of yellow stamens. Flowers in July.
- d **serrata** 2.40 21.50
Very similar in form and habit to monadelpha, but larger flowered.

STYRAX

- d* **japonica**, Japanese Snowbell65 5.80
See Specialty page 7.
- d* **obassia**, Fragrant Snowbell 1.40 12.50
Its foliage is much larger than S. japonica and flowers fragrant white.

SYMPLOCOS

- d **paniculata** (crataegoides), Asiatic Sweetleaf 1.30 11.50
Flowers white in panicles, fragrant, ornamental.

SYRINGA

- d **Palibiniana**, Korean Lilac, perfectly hardy 4.50 40.00
Similar to S. velutina, but has broader, glabrous leaves pilose along the midrib and the veins beneath, and long, slender, few flowered clusters of fragrant white or pale lilac blossoms.

TERNSTROEMIA

- e **japonica** 1.80 16.50
A beautiful evergreen shrub with glossy foliage which is highly ornamental.

THEA sinensis — see page 11.

Unless specified, our seeds are always cleaned either out of hulls or berries.
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F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

TILIA

- d **japonica**, Japanese Linden \$1.20 \$ 11.00
Has yellowish white flowers in pendulous cymes.

TROCHODENDRON

- d **aralioides**, flowers green, anthers yellow. 4.00 —

VIBURNUM

- d **dilatatum**, Linden Viburnum70 6.30

A sturdy shrub with ascending spreading branches forming a compact, flat spotted bush from 6 to 9 feet tall and more in width. The branchlets are stout and terminate in 4 to 5 inches broad, flattened clusters of almost brilliant red fruits. The fruits are small, abundantly produced and crown the whole bush in vivid color.

- e* **odoratissimum**, Sweet Viburnum 1.10 10.00

A semi-hardy evergreen Viburnum with very heavy glossy foliage. It bears coral-red berries in clusters. In Japan it is called Coral Tree.

- d **Sargentii**, Sargent Cranberrybush 1.20 11.00

Thick, darker, slightly fissured and light green leaves of thicker texture, distinguish the Sargent Viburnum from the High Bush Cranberry. Handsome in bloom and of denser, more compact habit.

- d **Sieboldii**, Siebold Viburnum75 6.80

Habit upright with stiff, strong growing branches. Both its flowers and fruit are ornamental, too.

- d **tomentosum**, Doublefile Viburnum 1.50 13.50

A large shrub, some times 25 feet tall, with stiff, wide spreading tiered branches. Flower-clusters, 3 to 5 inches across, terminate in short lateral branches and are produced along the entire length of the shoots. They are born on erect stout peduncles and have a conspicuous outer whorl of large, white, neutral flowers.

- d **Wrightii** 3.00 27.00

Its moderately stout stems are ascending and spreading, forming a loose, roundish bush, some 5 feet tall and from 6 to 8 feet wide. The leaves are short stalked, broadly ovate, often roundish, and assume dark wine-purple tints before they fall. The fruit is globose, lustrous scarlet, densely crowded in short stalked flattened corymbs each 3 to 6 inches in diameter.

VITIS

- dc **Coignetiae** (V. Kaempferi), Gloryvine 1.20 11.00

One of the best of all strong-growing vines, and hardy in the northern States. Foliage turns brilliant scarlet in the fall.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

WEIGELA (Diervilla)

d	decora , Elegant Weigela	\$2.50	\$ 22.50
	<i>Flowers white to pink, cymes, beautiful and vigorous.</i>		
d	grandiflora , Hakone Weigela	2.50	22.50
	<i>Beautiful white flowers change to carmine, vigorous.</i>		
d	hortensis (japonica), japanese Weigela	2.20	20.00

WISTARIA

dc	multijuga , blue	1.50	13.50
	<i>Very long spiked Wistaria. We supply from true garden specimens.</i>		
dc	multijuga , white	2.00	18.00
	<i>We also supply carefully collected seeds from true garden plants.</i>		
dc	sinensis , blue, Common Chinese Wistaria .. .. .	.75	6.80
	<i>See Specialty page 7.</i>		
dc	sinensis , white	1.50	13.50

ZELKOWA

d	serrata (acuminata), Sawleaf Zelkova .. .. .	.80	7.20
	<i>Ornamental tree to 100 ft. grown for its handsome foliage and attractive habit.</i>		

Palm Seeds

CYCAS

		Per lb.	10 lbs.
revoluta , Sago Palm	Per 100 seeds \$	2.00	—
	1,000 „	18.00	—
<i>Fine for porch decoration. The round trunk is crowned with a mass of long fronds like ostrich plumes.</i>			

PANDANUS (Screwpine)

boninensis	Per 100 seeds \$	3.50	—
	1,000 „	31.50	—

PHOENIX (Date Palm)

Roebelinii , Robelian Palm	Per 100 seeds \$	.25	—
	1,000 „	2.00	—
	10,000 „	18.00	—

TRACHYCARPUS (Chamaerops)

excelsa , Windmill Palm	\$.70	\$ 6.30
Fortunei , Fortune Palm	1.40	12.50

Unless specified, our seeds are always cleaned either out of hulls or berries.
Such seeds are far economical for the nurserymen than uncleaned seeds.

Seed of Bulbous Plants

*IRIS

	Per oz.	Per ¼ lb.
ensata , Sword Iris	\$.50	\$ 1.50
<i>Attractive lilac purple or white flowers surrounded with graceful leaves, hardy.</i>		
gracilipes , Slender Iris .. . Per ¼ oz.	\$.90	3.00
<i>Exquisite elegant blooms of sky blue, orange marked. Good for both garden and potting.</i>		
Kaempferi , collected from cultivated plants .. .	.40	1.00
<i>See Specialty page 7.</i>		
laevigata , Rabbit's Ear Iris .. .	.50	1.50
<i>Called the finest of blue Irises. Magnificent flower of pure blue, or occasionally white edged with blue.</i>		
laevigata semperflorens , Everblooming Laevigata ..	.80	2.00
sanguinea (sibirica orientalis), Sweet Flag .. .	.40	1.00
<i>Rich blue with purple shadings.</i>		

*LILIUM (Lily)

amabile , recurved blossoms, grenadine marked chocolate. ..	1.40	3.50
auratum , Goldband Lily .. .	.80	2.00
<i>Has a distinct, golden band coming out of each petal, and the spots from dark brown and maroon to red.</i>		
auratum platyphyllum (macranthum) .. .	1.00	2.50
<i>Closely resembling the Auratum but with much more substance, flowers pure white with gold-band embossment on each petal. Rich fragrance.</i>		
cernuum , Pineleaf Lily .. .	1.50	3.80
<i>Lilac pink, grass-like foliage, order early.</i>		
concolor , Morningstar Lily .. .	1.50	3.80
<i>Brilliant crimson, dark spots, order early.</i>		
cordifolium , Largeleaf Lily .. .	1.00	2.50
<i>Funnel-shaped, slightly fragrant, of a milk white tinged with green at base..</i>		
Henryi , The Orange Speciosum .. .	2.00	5.00
<i>Of vigorous and tall as high as 9 ft. producing numerous flowers similar in shape to speciosum but orange colored.</i>		
japonicum , Pink Japanese Lily .. .	1.50	3.80
<i>Fragrant, pale to rose pink, broad-funnel shaped, horizontally spread. Probably the prettiest pink lily in existence.</i>		
Maximowiczii - see L. venustum Fujihirato		
medeoloides , Wheel Lily .. .	1.50	3.80
<i>Martagon shaped flower of scarlet color with apricot shadings, sometimes come spotted black. A gem for rock gardens in June-July.</i>		
philippinense formosanum , flowers from seed within 6 months .. .	1.00	2.50

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

LILIUM (Cont'd.)		Per oz.	Per ¼ lb.
philippinense formosanum Pure White , about 70% true		\$2.00	\$ 5.00
<i>See Specialty page 7.</i>			
philippinense formosanum, Sakata's Giant-flowered Pure White Strain (Our own breed) .. \$ 1.00 pkt.		4.00	12.00
<i>See Specialty page 8.</i>			
speciosum magnificum , Speciosum Lily		2.00	5.00
<i>Rich carmine on white ground with dark carmine spots. Floriferous and hardy. Flowers in Aug.-Sept.</i>			
tenuifolium , Coral Lily .. .. .		.80	2.00
<i>A beautiful Siberian lily with bright scarlet waxy flowers. Comes to bloom quite soon from seed.</i>			
venustum Fujihirato (Maximowiczii) .. .		1.50	3.80
<i>A fine Japanese lily of slender and graceful growth producing several flowers of a vivid orange-red color, with dark spots. An easy grower.</i>			

Seed of Perennials, Alpine Plants, Etc.

*(Special early order is requested for wild plant seeds.)
(We supply the wild plant seeds either in Cleaned)
(or in Uncleaned Seeds according to the variety.)*

ACONITUM (Monks Hood)		Trial pkt.	Pez oz.
p Fisheri , deep blue		\$.15	\$ 1.00
p japonicum f. genuinum .. .. .		.15	1.00
<i>Fancy flowers of ultramarine, like helmets, are carried in clusters well above the foliage.</i>			
p pseudolaeve f. genuinum .. .. .		.15	1.00
<i>Similar kind with the preceding but flower color is darker and like shady place.</i>			
ANCHUSA			
p italica dropmore		—	.30
,, Lissadel , 6 to 8 ft. tall, gentian blue. .. .		—	.30
ANEMONOPSIS			
p.al macrophylla .. .. .		.25	3.00
<i>About 2 feet high with good sized showy rose flowers which look like Anemone japonica.</i>			
*AQUILEGIA (Columbine)			
p single mixed colors		—	.25
p flabellata		—	.50
<i>Dwarf compact, blue tipped white. Native of Japan.</i>			
p Buergeriana		—	.50
<i>An alpine Aquilegia. Flowers yellow, in July.</i>			

We supply the wild plant seeds either in Cleaned or in Uncleaned Seeds according to the variety.

***ASTER**

									Trial pkt.	Per oz.
p	tataricus	\$.15	\$ 1.00
p	trinervius congestus20	2.50

BEGONIA

p	Evansiana50	—
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BELAMCANDA (Pardanthus)

p	chinensis , Blackberry Lily, tall15	1.00
	<i>Orange-and-crimson, followed by glossy blackberries in clusters.</i>									
p	chinensis compacta , Dwarf Blackberry Lily	..	..	..	..	..	..	..	.20	2.00

***BLETILLA (Bletia)**

e	hyacinthina	..	..	..	..	..	..	..	.30	—
	<i>A terrestrial Orchid producing in spring a large rose-pink flower. Foliage resembles Palm leaves. Semi-hardy.</i>									
p	hyacinthina white40	—

BOCCONIA

p	cordata , Pink Plumepoppy, feathery chamois panicles.	—	.10
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CALLIOPSIS (Coreopsis)

p	lanceolata grandiflora	—	.10
	„	„	„	„	„	„	„	„	—	.25
	„	„	„	„	„	„	„	„	—	.25

CANNA

p	indica , Giant-fl. New Hybrids, extra fine mixed colors	—	.20
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CARYOPTERIS

p	mastacanthus, mixed	—	.50
	„	„	„	„	„	„	„	„	—	.50
	„	„	„	„	„	„	„	„	—	.70
	„	„	„	„	„	„	„	„	—	.50

CHELONE

p	barbata hybrida	—	.40
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CHRYSANTHEMUM

p	japonicum , single-fl. fine mixed colors.20	2.00
	<i>Excellent for Cascade or Balcony mixture composed of many brilliant and distinct colors.</i>									
p	japonicum Double Anemone-fl. finest mixed	..	..	..	..	..	..	..	.30	7.00
	<i>Double form of the above and contains vast range of colors. Very beautiful.</i>									
p	leucanthemum , Single Spring Marguerite	—	.25
	„	„	„	„	„	„	„	„	—	.30

CIMICIFUGA

p	simplex , Kamchatka Bugbane15	1.00
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Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

CIRSIUM		Trial pkt.	Per oz.
p	purpuratum	\$ —	\$.30
One of the most robust kind of the genus, diameter of the leaf rosette reaches to nearly five feet in full growth. The flowers are also large, reddish purple, in September. Quite hardy.			
CLINTONIA			
p	udensis .. .. .	.20	2.00
Scape stand upright among a few large leaves. Flowers white, berries blue. Suited for the planting among trees.			
CLIVIA			
p	miniata hybrida (Imantophyllum) Per 100 seeds	\$ 5.00	—
Saved from selected large-flowered plants.			
CRAWFURDIA			
p	trinervis .. .. .	.25	3.00
A climbing Gentian. The flowers large with beautiful blue color and comes to bloom in the autumn. One of the most fancy Gentians.			
*CYPRIPEDIUM (Ladyslipper)			
p	japonicum .. .. .	.25	3.00
A hardy terrestrial Cypripedium with large light-pink flower. One of the most showy hardy Orchids.			
p	speciosum .. .. .	.25	3.00
Oddly formed flower of reddish purple is carried on single stem.			
DAHLIA			
p	variabilis , single finest mixed .. .. .	.30	—
p	Mignon , dwarf mixed	—	.70
DIANTHUS			
p	shinanensis (Blue Dianthus) .. .. .	.15	1.50
General appearance somewhat resembles to Sweet William. Hardy perennial. Flowers in June to July, mauve, not real blue.			
p	superbus , fragrant perennial, lovely pink	—	.25
	„ albus , white flower	—	.30
	„ roseus , fine rose flower	—	.30
ECHINOPS (Glove Thistle)			
p	Ritro , height 3-5 ft. globular violet head	—	.30
EPILOBIUM			
p	angustifolium .. .. .	.15	1.50
Flowers of bright rose purple in long spikes in July.			

We supply the wild plant-seeds either in Cleaned or
in Uncleaned Seeds according to the variety.

EUPATORIUM

		Trial pkt.	Per oz.
p	stoechadosmum , beautiful purple flowers in autumn. ..	\$.15	\$ 1.20

FILIPENDULA

p	multijuga .. .. .	.15	1.50
	<i>Hardy perennial, flower stalk about two feet in height, flowers deep rose in July.</i>		

FLOWERING KALE

bi	mixed colors. See Specialty page 7. ..	Per $\frac{1}{4}$ lb. \$1 50	— .50
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FRITILLARIA

p	camchatensis25	3.00
	<i>An alpine species of black purple flowers.</i>		

GAILLARDIA

p	grandiflora nana compacta mixed15	1.00
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GENTIANA

p	scabra var. Buergeri	—	.50
	<i>Shoots somewhat trailing, each carrying many flowers, lustrous blue.</i>		

GEUM

p	Lady Stratheden , yellow .. .. .	.15	1.70
p	Mrs. Bradshaw , scarlet .. .. .	.15	1.30

***GLAUCIDIUM**

p.al	palmatum .. .. .	.20	2.50
	<i>One of the most beautiful perennial poppies with clear blue flower which is of good size. The leaves are palmated. Quite distinctive and suitable for either Pots or Rock Gardens.</i>		

GYPSOPHILA

p	Oldhamiana	—	.50
	<i>Similar but later flowering than paniculata and pink flowered.</i>		

HALENIA

bi	arniculata .. .. .	.20	2.50
	<i>Alpine biennial, flowers single or loosely borne in corymbs, pale yellow.</i>		

HEDYSARUM

p	alpinum var. japonicum .. .. .	.20	2.50
	<i>Tall spikes of showy lavender flowers, hardy.</i>		

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

HEMEROCALLIS

		Trial pkt.	Per oz.
p	fulva var. Kwanso , Towny Daylily	\$ —	\$.80
	<i>The "double orange lily," blooms longer than any single flowered form.</i>		

HUMULUS

pc	japonicus	—	.30
	<i>One of the most popular climbing herbs. Very quick grower, plants 10-20 ft. long, coming from seed sown in early May. Very easy of culture.</i>		

IMPATIENS

a	noli-tangere	—	.00
	<i>Flowers sulphur yellow, much branching annual.</i>		
p	Textori	—	.00
	<i>More vigorous grower than the above, flowers purple-red in August. Water side.</i>		

LIGULARIA

p	japonica	—	.00
	<i>A tall perennial, four to five feet in height. Many yellow flowers in June.</i>		

LISIANTHUS

p	russelianus	1.00	—
	<i>Rich deep lilac, black centre with golden yellow stamen, an elegant pot plant, also fine for cutting.</i>		

LOBELIA

p	cardinalis .. .. .	.30	—
p	sessiliflora .. .. .	.00	—
	<i>Many violet-blue flowers in slender spikes. Suited for water side. Flowers in August.</i>		

LOTUS (Aquatic plant)

	speciosa , pink	—	.50
	„ white	—	.50

LUPINUS

p	polyphyllus , perennial mixed	—	.20
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LYCHNIS

p	Miqueliana30	5.00
	<i>Particularly large blossoms of salmon or cinnabar, carried in open panicles which attains three feet. Flowers in July to August.</i>		
p	Miqueliana var. albiflora .. .. .	.30	5.00
	<i>A white flowered form of the above.</i>		

LYSIMACHIA

		Trial pkt.	Per oz.
p	clethroides	\$.20	\$ 2.50
	A hardy perennial of strong growth. White flowers in long and dense spike in July.		

MAIANthemum

p	dilatatum .. .. .	.15	1.50
	A small alpine perennial, flowers white.		

NUPHAR (Aquatic plant)

	japonica , buttercup color20	2.50
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NYMPHAEAEA (Aquatic plant)

	pygmaea alba , elegant white flower25	3.00
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OENOTHERA

bi	odorata , light yellow	—	.25
bi	Lamarckiana , large yellow Evening Primrose	—	.15

***OMPHALODES** (Navelseed)

p	japonica .. .. .	.25	3.00
	A sort of perennial creeper with large dark blue flower which looks something like those of Anchusa's.		

PAEONIA (Peony)—see also page 25.

		Per oz.	Per lb.	10 lbs.
p*	chinensis, double-fl. mxd. colors	\$.25	\$3.50	\$31.50
	See Specialty page 8.			
p*	obovata, wild Japanese single-fl. mxd. colors ..	.50	6.00	—
	„ pink .. .. .	.60	6.00	—
	„ white .. .. .	.60	6.00	—
	An alpine Paeonia with good sized single flower leaving berries afterward which turn to brilliant red in the fall. Quite attractive.			

PARNASSIA

		Trial pkt.	Per oz.
p	palustris var. multiseta	\$.15	\$ 1.50
	Many flower stalks stand upright, five to seven inches in height. Flowers pure white in October.		
p	foliosa var. nummularia .. .. .	.15	1.50
	Nearly allied to the above, but the edge of petals minutely divided.		

PATRINIA

p.al	palmata .. .. .	.15	1.70
p	scabiosaefolia .. .. .	.15	1.00
	Golden yellow Valerian-like flowers, carried on pretty umbel-sprays, in August.		

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

PHYSALIS							Trial pkt.	Per oz.	
p	Franchetii , Chinese Lantern Plant	..	..	..	..	..	\$ —	\$ .30
	A hardy perennial which bears many lantern shaped fruits.								
p	Franchetii Extra Giant	..	..	..	..	..	.15	1.70
	The fruit is larger than the ordinary type and it is very prolific.								
PHYSOSTEGIA (Dragon's Head)									
p	virginica , rosy lilac	..	..	..	..	..	.15	1.00
PIROLA									
p	incarnata	..	..	..	..	..	.20	2.50
	Rose flowers on upright stem, lustrous foliage. Good for shady place.								
PLATYCODON (Japanese Bell Flower)									
p	Mariesii , dwarf blue	..	..	..	..	..	.15	1.50
p	grandiflora , blue	..	..	..	..	..	—	.30
	„ white	..	..	..	..	..	—	.40
	„ mixed	..	..	..	..	..	—	.35
	„ annual early-fl. blue	..	..	..	..	..	—	.50
	„ „ white	..	..	..	..	..	—	.50
p	GRANDIFLORA PRAECOX GIGANTEA	..	..	..	..	..	.20	2.00
	An extra early flowering Platycodon with most gigantic size. Individual flower measures as large as 4 inches across and starts flowering already in June. Seed when planted in April-May starts flowering from August on until frost kills them. They grow up over 2½ ft. from roots but from seeds, they start flowering at the height of 5 inches. We can supply both in blue and in white color. From seed they show some percentage of variation in color and in size. We consider this to be a startling novelty.								
POLYGONUM									
p	sachalinense	..	..	..	..	..	—	.30
	Stem 10 ft. or more, leaves large, 1 ft., or more in length. Great many white flowers on axillary or terminal racemes in late summer. Hardy.								
PRIMULA (Primrose)									
p	japonica mixed colors	..	..	..	..	..	.15	1.70
	A well known hardy Japanese Primrose, flower stalk 1½ ft. tall, very floriferous. Suitable for the planting in damp and partially shaded places.								
p	senanensis	..	..	..	..	..	.20	2.00
	Small plant, a few flowers on each stalk, mauve.								
p	veris elatior (polyanthus), choice mixed	..	..	..	..	..	.15	1.50

We supply the wild plant seeds either in Cleaned or in Uncleaned Seeds according to the variety.

RODGERSIA

							Trial pkt.	Per oz.
p	podophylla	..	..	..	..	..	\$ .20	\$ 2.00

A robust growing perennial with very large palmate foliage, flower stalk reaches more than three feet, white flowers densely crowded in panicles. It fits to shady and wet place.

SAXIFRAGA

p	mutabilis var. incisolobata20	2.50
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Palmate thick green leaves. Panicles of charming white blossoms. Suitable for shady rockeries.

p	fusca var. Kikubuki20	2.50
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Similar to the above, but flowers are dark purple.

SCABIOSA

p	Fischeri.	See Specialty page 8.	..	Per ¼ lb.	\$1.80	—	.60
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p	japonica	—	.30
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SEDUM

p	Sieboldii25	3.00
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Great many shoots appear from one stock, every shoots, bearing almost round and thick leaves in whorl. Length of shoots is less than one foot and they hang down when planted on wall. Excellent for rockeries, wall.

SENECIO

p	palmaris25	3.00
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A tall hardy perennial. Large yellow flowers are loaded on stout stems, in August to September.

SHORTIA

p.al	soldanelloides30	5.00
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A glossy foliage almost identical to that of Galax. Beautiful good sized clear pink flowers in early spring. Extremely lovely.

p.al	soldanelloides v. alpina.30	5.00
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A smaller type of the preceding.

p.al	soldanelloides f. ilicifolia30	5.00
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p.al	uniflora30	5.00
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Closely allied to S. soldanelloides but little larger all way through.

SILENE

bi	orientalis, dark rose, 2 ft. high, fine	—	.20
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Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

SIEVERSIA						Trial pkt.	Per oz.
p.al	pentapetala	..	..	..	..	\$ .25	\$3.00
A lovely alpine, forming mats. Flowers white. Pretty rock garden effects.							
SOLANUM							
p	capsicastrum nanum	..	..	..	..	—	.50
Upright orange red cherry-like berries on neat, compact plants.							
SOLIDAGO							
p	virgaurea	..	..	..	..	.15	1.00
A dwarf Solidago, good for the planting in somewhat shady place.							
STOKESIA							
p	cyanea mixed, good colors	..	..	..	..	.15	.90
	„ blue	..	..	..	..	.15	.90
	„ white	..	..	..	..	.15	1.00
SWERTIA							
p	bimaculata	..	..	..	..	.20	2.00
White flowers in large panicles, two feet in height, blooms in September. It fits for the planting to shady and wet place.							
THALICTRUM							
p	Rochebruneanum	..	..	..	..	.20	2.50
A hardy perennial, two feet in height. Violet blue flowers in July.							
p	tuberiferum	..	..	..	..	.20	2.50
Leaves bluish, stems rather weak. Flowers light rose in Corymb, in August. Good for shady planting.							
TRICHOSANTHES (Snake-Gourd)							
pc	cucumeroides	..	..	..	..	.15	1.00
An ornamental hardy perennial climber of great attraction. Showy feathery laciniated flowers leaving bright red colored Cucumber-like fruits.							
pc	japonica	..	..	..	..	.15	1.00
Similar to above, except yellow fruit.							
TRICYRTIS (Toadlily)							
p	hirta	..	..	..	..	.15	2.00
2 feet. Smaller than T. macropoda, flowers in autumn.							
p	macropoda	..	..	..	..	.25	2.50
One of the largest Tricyrtis with distinctive light purple flowers.							

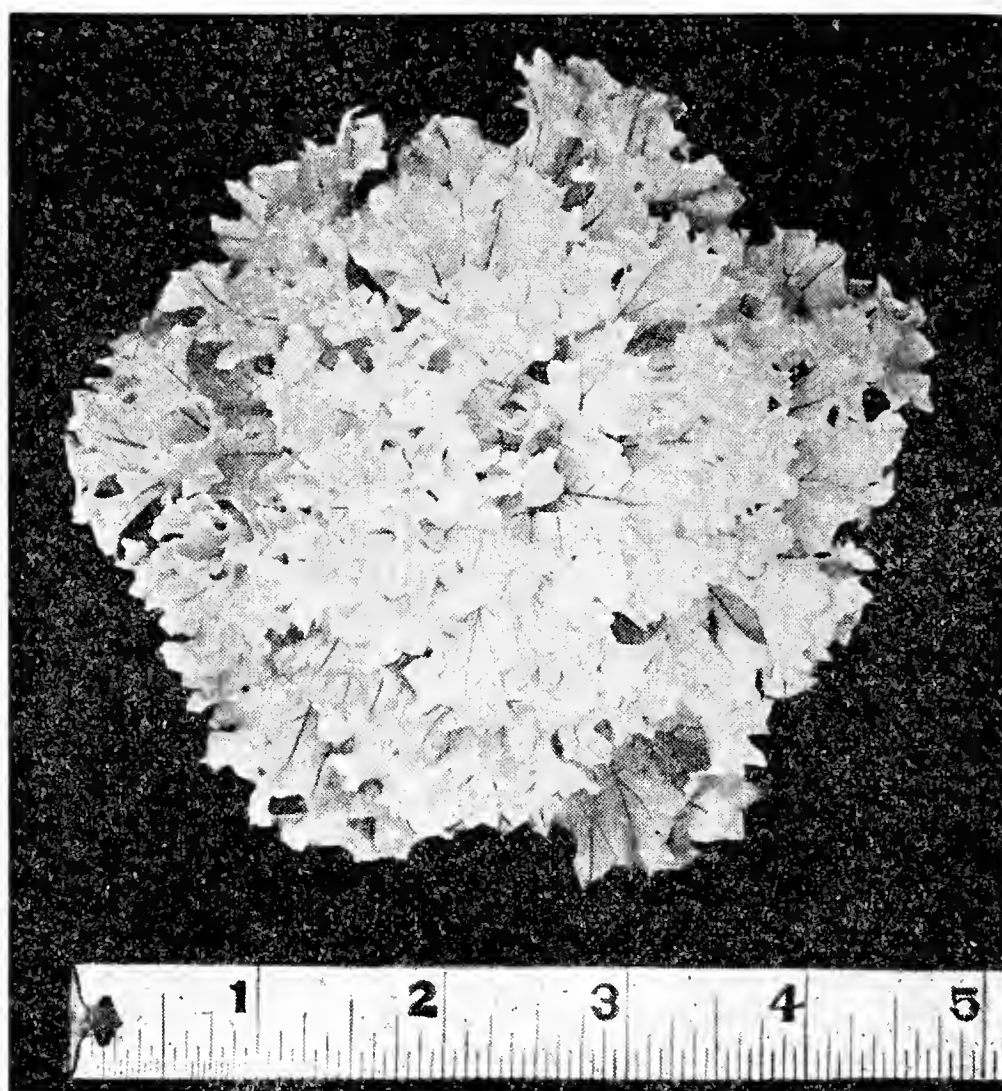
We supply the wild plant seeds either in Cleaned or in Uncleaned Seeds according to the variety.

TROLLIUS								Trial pkt.	Per oz.
p.al	hondoensis	..	..	..	..	..	..	\$ .25	\$3.00
<i>A delightful large alpine, widely opened blossoms of lovely golden glossiness.</i>									

TUNICA									
p	Saxifraga	..	..	..	..	..	..	—	.50

VERONICA									
p	spuria	..	..	..	..	..	..	.20	2.00
<i>Smaller type of the latter and flowering season is later.</i>									
p	virginica var. japonica	..	..	..	..	..	..	.20	2.00
<i>Sky blue flowers in dense upright spikes. Three feet in height, blooms in July to August.</i>									

It is important that orders should be in our hands as early as possible for immediate transmission to Messrs. T. Sakata & Co. who will promptly advise their acceptance, entire or in part, always subject to crop-out-turn and pro rata delivery.



Internationally recognized

Sakata's All-Double Petunias

Producing practically 100% double flowers

Suppliable in The Following Types

"Triumphant"	. . . . .	Tall Giant Fringed type
"Victorious"	. . . . .	Dwarf Giant Fringed type
"Superb"	. . . . .	Tall Peony-fl. type
"Dwarf Superb"	. . . . .	Dwarf Peony-fl. type
"Glorious"	. . . . .	Tall Carnation-fl. type
"Dwarf Glorious"	. . . . .	Dwarf Carnation-fl. type

Most valuable class for either bedding or pot plants. Suppliable both in straight color and well balanced mixture of bright and distinct colors. Many leading seed catalogs carry the meritorious Petunia seeds. Grow and earn good profit.

Write for full information.

Winners of Royal Horticultural Society's Trials

Cultural Notes

Tree seed planters often attribute lack of success to the seed, which, although viable often fail to germinate by reason of improper sowing. To prevent such failure we give a few important cultural notes which we invite those of our customers who have no experience in tree seed culture to read carefully.

Seeds having a hard skin or shell often remain for a year, or even longer, dormant in the ground. They may come up during the following season or even two or three years later.

To succeed with tree seed it is important to keep the seed bed sufficiently moist but not too wet, as that may lead to "Damping off," especially in the case of coniferous seedlings. The seed bed must be of well drained loamy soil sufficiently sandy to prevent fungus attacking the seedlings. Shading is necessary, especially for the delicate sorts. We recommend the use of disinfectants of which numerous brands have recently come on the market.

Generally speaking, tree seed does not carry well in warm places; it should be at once placed in cold storage if it cannot be immediately used. Even then it often will not carry safely from season to season.

Many sorts lose their germination quickly, especially *Ulmus*, Cherries, small-fruited *Prunus*, Mulberries, *Elaeagnus*, etc. These should be kept only in cold storage.

It is physically impossible to treat conclusively in a few lines the subject of tree seed germination. To all, even experienced growers of seedlings, flowering Cherries and stone fruited plants, we can recommend Bulletin No. 569 of the New York State Agricultural Experiment Station at Geneva, N. Y., by Dr. H. B. Tuckey. In this Bulletin you will find this subject treated fully and practically.

Growers of Conifers and Shrubs will do well to keep posted on the Bulletins of the Boyce Thompson Institute.

We may recommend specially Dr. William Crocker's Bulletin No. 15, dated March, 1930, copies of which may be secured, we believe, from the Boyce Thompson Institute for Plant Research, 1089 North Broadway, Yonkers, New York.

The following pointers may be of service to the nurseryman. They are based on our own experience but should be changed as condition seem to require.

Abelia	Diervilla	Rhododendron	} Sow in peat moss or fine leaf mould in well protected seed bed.
Alpine Plants	Enkianthus	Ribes	
Andromeda	Lagerstroemia	Tamarix	
Azalea	Ledum	Tripetaleia	
Buddleia	Leucothoe	Weigela	
Corylopsis	Menziesia		
Deutzia	Phyllodoce		
Carpinus	Hovenia	Pterocarya	} Sow as soon as possible after seeds are received.
Clerodendron	Malus	Ulmus	
Disanthus	Meliosma	Zanthoxylum	
Edgeworthia	Prunus		
Aesculus	Cinnamomum	Lagerstroemia	} Sow in autumn or when seed arrived.
Alnus	(in warmer climate)	Ligustrum	
Amygdalus		Prunus triflora	
Caragana	Cornus	Sapindus	
Chamaerops	Corylus	Syringa	
(in warmer climate)	Forsythia	Tilia	
	Fraxinus		

Acanthopanax	Diospyros	Lycium	} Sow in early spring.
Actinidia	Euptelea	Paeonia	
Ailanthus	Euscaphis	Podocarpus	
Akebia	Exochorda	Pyrus	
Amelanchier	Fagus	Rhus	
Amorpha	Gleditschia	Sambucus	
Berberis	Illicium	Schizophragma	
Catalpa	Indigofera	Skimmia	
Celtis	Juglans	Sophora	
Cercidiphyllum	Juniperus	Staphylea	
Chloranthus	Kerria	Stauntonia	
Clematis	Koelreuteria	Stewartia	
Daphniphyllum	Lespedeza	Symplocos	

Abies	Hibiscus	Rhaphiolepis	} Sow in spring after danger of frost is past and soil is warm.
Acer	Hydrangea	Rhodotypus	
Aleurites	Idesia	Robinia	
Ampelopsis	Ilex	Schizandra	
Aralia	Larix	Sciadopitys	
Benzoin	Lonicera	Smilax	
Betula	Maackia	Sorbaria	
Bischofia	Machilus	Sorbus	
Buxus	Magnolia	Spiraea	
Callicarpa	Mallotus	Stachyurus	
Camellia	Melia	Styrax	
Celastrus	Michelia	Taxus	
Cephalotaxus	Micromeles	Taonabo	
Cercis	Myrica	Thuja	
Chamaecyparis	Nandina	Thujopsis	
Citrus	Paulownia	Torreya	
Cladrastis	Phellodendron	Trochodendron	
Clethra	Philadelphus	Tsuga	
Crataegus	Photinia	Vaccinium	
Cryptomeria	Picea	Viburnum	
Cydonia	Pinus	Vitis	
Elaeagnus	Pittosporum	Wisteria	
Euonymus	Platycarya	Zelkova	
Gardenia	Pterostyrax	Zizyphus	
Ginkgo	Pueraria		
Hemipteleia	Punica		

Acer	Fagus	Pyrus	} Stratify before sowing; seeds germinate slowly.
Akebia	Hamamelis	Prunus	
Amelanchier	Ilex	Rhus	
Ampelopsis	Juniperus	Ribes	
Berberis	Koelreuteria	Rosa rugosa	
Buxus	Lonicera	Rosa Wichuraiana	
Cephalotaxus	Magnolia	Sorbus	
Celtis	Melia	Staphylea	
Cydonia	Michelia	Styrax	
Clematis	Micromeles	Taxus	
Crataegus	Nandina	Viburnum	
Diospyros	Ostrya	Vitis	
Elaeagnus	Paeonia Moutan	Zanthoxylum	
Exochorda	Photinia		

Albizzia	Cercis	Pueraria	} Soak in tepid water just before planting.
Buxus	Gleditschia	Robinia	
Camellia	Ilex	Rosa	
Caragana	Photinia	Sophora	

Ardisia	Kadsura	} Sow under glass.
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